

MOOCS

thanks to

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M.O.O.C.

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OPEN FOR
STUDENTS
ONLY!

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OPEN EDUCATIONAL
RESOURCES
OPEN COURSEWARE

OPEN FOR
TEACHERS TOO!

but...
MEETUPS
LABS
...

but...
DEGREE?
SYNCHRONICITY?

SMALL PRIVATE
ONLINE COURSE

Some numbers

MIT MOOC (MITx - 6.002x: Circuits and Electronics.),

- 154,763 registrants.
- 69,221 people (45%) looked at the first problem set,
- 26,349 earned at least one point (17%)

Midterm assignment

- 13,569 people looked at it while it was still open
- 9,318 people got a passing score on the midterm (6%)
- 7,157 people earned the first certificate (4,6% of the enrolled, i.e. 27% of those who really manifested interest).

Some numbers

- Coursera's Social Network Analysis class
- 61,285 students registered,
- 1303 (2%) earned a certificate,
- 107 earned "the programming (i.e. *with distinction*) version of the certificate" (0.17%).

Questions

- Where do the students come from?
- Which videos are most popular, and which ones attract little interest?
- Are students actually watching the videos on the assigned dates?
- Are viewers watching all the way through?
- At what point in the lecture, if any, do viewers stop watching?
- Are there any portions of the videos that are being watched repeatedly?
- Are the students watching the videos by the assigned deadlines?
- Do the videos generating active user engagement? Do students edit, share, download the material?

History of Mooc

- origins and evolution
- x-moocs vs c-moocs

<https://class.coursera.org/massiveteaching-001/lecture/15>

- why now?
- <https://class.coursera.org/massiveteaching-001/lecture/25>

George Siemens and c-moocs

- George Siemens
<https://youtu.be/mfr7d6zYMus> 3:46
- George Siemens
<https://youtu.be/yx5VHpaW8sQ>

x-moocs

- Anant Agrawal <https://youtu.be/rYwTA5RA9eU>
15 min
- Daphne Koller <https://youtu.be/U6FvJ6jMGHU>
20 min
- Peter Norwik <https://youtu.be/tYclUdcsdeo> 6 min

The model

- Analytics

<https://class.coursera.org/massiveteaching-001/lecture/21>

- Startup iteration cycle

<https://class.coursera.org/massiveteaching-001/lecture/23>

What is important in teaching?

- Focus as a teacher

<https://class.coursera.org/massiveteaching-001/lecture/7>

How moocs can be helpful?

- feedback

<https://class.coursera.org/massiveteaching-001/lecture/17>